

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, Utah

Year	Coal ^a	Natural Gas ^b	Petroleum				Biomass	Geothermal ^e	Solar ^{e,f}	Retail Electricity Sales	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	HGL ^c	Kerosene	Total	Wood ^d			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	147	23	100	175	1	276	92	--	--	1,012	--	--	--
1965	103	31	98	356	20	474	79	--	--	1,243	--	--	--
1970	61	45	143	489	6	639	87	--	--	1,688	--	--	--
1975	39	60	357	397	4	758	101	--	--	2,493	--	--	--
1980	50	58	112	246	0	357	189	--	--	3,116	--	--	--
1985	55	59	67	445	10	521	301	--	--	3,985	--	--	--
1990	53	43	139	299	5	442	148	--	--	4,246	--	--	--
1995	10	49	72	148	3	223	150	--	--	5,041	--	--	--
1996	11	54	74	177	4	255	155	--	--	5,481	--	--	--
1997	14	58	88	344	5	437	177	--	--	5,661	--	--	--
1998	12	57	70	105	4	179	157	--	--	5,756	--	--	--
1999	14	55	79	220	4	303	161	--	--	6,236	--	--	--
2000	6	56	79	415	4	498	174	--	--	6,514	--	--	--
2001	7	55	91	707	3	801	99	--	--	6,693	--	--	--
2002	24	59	83	437	2	522	101	--	--	6,938	--	--	--
2003	8	55	70	376	2	448	106	--	--	7,166	--	--	--
2004	21	61	85	421	2	508	109	--	--	7,325	--	--	--
2005	4	58	26	551	1	579	96	--	--	7,567	--	--	--
2006	3	60	29	644	2	675	86	--	--	8,232	--	--	--
2007	2	61	28	578	2	608	95	--	--	8,752	--	--	--
2008	0	66	17	666	1	684	106	--	--	8,786	--	--	--
2009	0	65	23	643	1	667	52	--	--	8,725	--	--	--
2010	0	66	20	442	(s)	R 462	46	--	--	8,834	--	--	--
2011	0	70	24	535	(s)	R 559	47	--	--	8,947	--	--	--
2012	0	60	26	416	(s)	R 442	43	--	--	9,188	--	--	--
2013	0	70	18	547	(s)	R 565	60	--	--	9,402	--	--	--
2014	0	62	20	455	(s)	R 475	61	--	--	8,964	--	--	--
2015	0	59	22	395	(s)	R 417	45	--	--	9,117	--	--	--
2016	0	64	26	403	1	430	36	--	--	9,371	--	--	--
Trillion Btu													
1960	3.8	23.4	0.6	0.7	(s)	1.3	1.8	NA	NA	3.5	33.8	8.5	42.3
1965	2.7	28.4	0.6	1.4	0.1	2.1	1.6	NA	NA	4.2	38.9	10.1	49.0
1970	1.5	41.9	0.8	1.9	(s)	2.7	1.7	NA	NA	5.8	53.6	13.9	67.6
1975	0.9	56.8	2.1	1.5	(s)	3.6	2.0	NA	NA	8.5	71.8	20.4	92.2
1980	1.2	62.9	0.6	0.9	0.0	1.6	3.8	NA	NA	10.6	80.1	25.5	105.6
1985	1.3	63.1	0.4	1.7	0.1	2.1	6.0	NA	NA	13.6	86.2	31.1	117.3
1990	1.2	47.3	0.8	1.1	(s)	2.0	3.0	0.1	(s)	14.5	68.0	29.2	97.2
1995	0.2	52.1	0.4	0.6	(s)	1.0	3.0	0.1	0.1	17.2	73.6	36.9	110.5
1996	0.3	56.7	0.4	0.7	(s)	1.1	3.1	0.1	0.1	18.7	80.0	40.3	120.3
1997	0.3	60.6	0.5	1.3	(s)	1.9	3.5	0.1	0.1	19.3	85.7	40.6	126.3
1998	0.3	59.5	0.4	0.4	(s)	0.8	3.1	0.1	(s)	19.6	83.5	40.8	124.3
1999	0.3	58.6	0.5	0.8	(s)	1.3	3.2	(s)	(s)	21.3	84.8	44.3	129.1
2000	0.1	58.5	0.5	1.6	(s)	2.1	3.5	(s)	(s)	22.2	86.5	47.4	133.9
2001	0.2	57.9	0.5	2.7	(s)	3.3	2.0	(s)	(s)	22.8	86.2	48.4	134.6
2002	0.6	63.0	0.5	1.7	(s)	2.2	2.0	(s)	(s)	23.7	91.5	51.5	142.9
2003	0.2	58.3	0.4	1.4	(s)	1.9	2.1	(s)	(s)	24.5	87.0	52.1	139.0
2004	0.5	63.9	0.5	1.6	(s)	2.1	2.2	(s)	(s)	25.0	93.8	53.0	146.8
2005	0.1	61.2	0.2	2.1	(s)	2.3	1.9	(s)	(s)	25.8	91.3	58.2	149.5
2006	0.1	63.4	0.2	2.5	(s)	2.6	1.7	(s)	(s)	28.1	96.0	59.3	155.3
2007	0.1	63.9	0.2	2.2	(s)	2.4	1.9	(s)	(s)	29.9	98.2	58.9	157.1
2008	0.0	70.1	0.1	2.6	(s)	2.7	2.1	(s)	(s)	30.0	104.9	58.1	163.0
2009	0.0	68.2	0.1	2.5	(s)	2.6	1.0	(s)	0.1	29.8	101.7	59.7	161.4
2010	0.0	69.2	0.1	1.7	(s)	1.8	0.9	(s)	0.1	30.1	102.2	61.6	163.8
2011	0.0	72.8	0.1	2.1	(s)	R 2.2	0.9	0.2	0.1	30.5	106.7	62.8	169.5
2012	0.0	62.5	0.1	1.6	(s)	R 1.7	0.9	0.1	0.1	31.4	96.7	64.1	160.8
2013	0.0	74.0	0.1	2.1	(s)	R 2.2	1.2	0.1	0.1	32.1	109.7	65.2	R 174.9
2014	0.0	65.3	0.1	1.7	(s)	R 1.9	1.2	0.1	0.2	30.6	R 99.2	59.8	R 159.1
2015	0.0	61.3	0.1	1.5	(s)	1.6	0.9	0.1	0.4	31.1	95.4	61.1	R 156.5
2016	0.0	66.8	0.2	1.5	(s)	1.7	0.7	0.1	1.0	32.0	102.3	61.4	163.7

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Wood and wood-derived fuels.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

^g Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.